

JUSTIFICATION FOR SOLE SOURCE ACQUISITION
4200400649

NASA, John F. Kennedy Space Center (KSC), will negotiate with Transformational Security, LLC for the purchase of Frequency Extender. ~~Estimated cost of acquisition is \$1,000,000.~~

The augmentation of the Automated Radio Frequency Monitoring System which is currently deployed on KSC property is designed based on Agilent electronics and Transformational Security, LLC.

NASA has a requirement and is currently operating the Automated Radio Frequency System (ARFMS) to analyze the electromagnetic environment at KSC. The ARFMS determines the radio frequency (RF) electromagnetic energy levels for interference to KSC operations. KSC has critical operations such as vehicle processing, payload processing, and tracking of launch vehicles. If a vehicle command or communication receiver were degraded due to outside RF interference it would affect processing operations or launch count-down operations at KSC. The Transformational Security frequency extender will identify any RF interference within all vehicle and payload frequency bands.

The current augmentation to ARFMS is to extend and deploy RF monitoring systems to increase the area of protection for KSC.

Pursuant to FAR 13.106-1(b) and 13.106-3(b)(3)(i), the acquisition of the referenced requirements are only known from one source. Competition is impractical for the following reasons: Market research was performed during the month of May-July 2011 and it was found that there are no other known vendors that sell this type of product. Transformational Security, LLC is the only source able to provide the required hardware. Agilent partnered the frequency extender with Transformation Security, LLC.

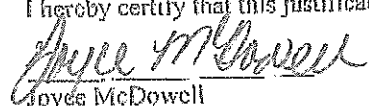
Based upon the above, I hereby determine that the circumstances of the contract action deem only one source reasonably available for this acquisition. I certify that the supporting data presented in this justification are accurate and complete.

The requirement is required to be synopsisized in NAIS/EPS.


Richard Birr
Technical Representative


Date

I hereby certify that this justification is accurate and complete to the best of my knowledge and belief.


Joyce McDowell
Contracting Officer


Date